### 2008 Annual Drinking Water Quality Report Town of McLain PWS#: 0210003 June 2009

RECEIVED-WATER SUPPLY 2009 JUL 20 AM 9: 16

We're pleased to present to you this year's Annual Quality Water Report. This report the provided to present to you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and provide supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Miocene Series Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Town of McLain have received moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Gerald McLendon at 601.753.2205. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Tuesday of the month at 7:00 PM at 106 S Church Ave.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2008. In cases where monitoring wasn't required in 2008, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) — The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

				TEST RESU	LID			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination

10. Barium	N	2008	.014	No Range	ppm		2		Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2008	1.3	0	ppm		1.3	AL=1	1.3 Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2008	.015	0	ppb		0	AL=	15 Corrosion of household plumbing systems, erosion of natural deposits
19. Nitrate (as Nitrogen)	, N	2008	.080	No Range	ppm		10		10 Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
20. Nitrite (as Nitrogen)	N	2008	.1	No Range	ppm		1		Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Disinfectio	n By-	Product	<b>§</b>	No Range	ppb	0		60	By-Product of drinking water
									disinfection.
82. TTHM [Total trihalomethanes]	N	2008	.005	No Range	ppb	0		80	By-product of drinking water chlorination.
Chlorine	N	2008	1.9	.9 – 1.9	ppm	0	MRI	DL = 4	Water additive used to control microbes

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection By-Products Rule. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

#### \*\*\*\*\*A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\*

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 - December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

The Town of McLain works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

AGGOUNTANG SERVICE FROM 101-1010111111111111111111111111111111	servige <b>yo</b> 126/15	RETURN THIS STUB WITH I TOWN OF McLAIN P.O. E McLAIN, I	I WATER WORKS BOX 5	, v	
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Post Office Box 5

## McLain, Mississippi 39456

Phone: (601) 753-2205 **FAX:** (601) 753-2205

July 17, 2009

Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215

To Whom It May Concern:

I am sending a copy of our corrected CCR report. If you have any questions, please do not hesitate to call.

Sincerely,

Sherrie Burley
Town Clerk

### **BUREAU OF PUBLIC WATER SUPPLY**

# CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Town of McLain
Public Water Supply Name

	List PWS ID #s for all Water Systems Covered by this CCR
confide	ederal Safe Drinking Water Act requires each <i>community</i> public water system to develop and distribute a consume ence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCF e mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.
Please	Answer the Following Questions Regarding the Consumer Confidence Report
	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	<ul> <li>□ Advertisement in local paper</li> <li>□ On water bills</li> <li>□ Other</li> </ul>
	Date customers were informed: 7/b/09
	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
	Date Mailed/Distributed:/_/_
	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
	Name of Newspaper: Greene County Herold
	Date Published: 6
	CCR was posted in public places. (Attach list of locations)
	Date Posted://_
	CCR was posted on a publicly accessible internet site at the address: www
CERT	IFICATION
the forr	y certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in and manner identified above. I further certify that the information included in this CCR is true and correct and is ent with the water quality monitoring data provided to the public water system officials by the Mississippi Statement of Health, Bureau of Public Water Supply.
Name/	Title (President, Mayor, Owner, etc.)  Clul  Date

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

# PROOF OF PUBLICATION

### STATE OF MISSISSIPPI COUNTY OF GREENE

Personally appeared before me, the authority, in and for the State and County aforesaid, GEORGE R. TURNER, who being duly sworn, on his oath deposes and states that he is the owner/publisher of the Greene County Herald, a newspaper published in the Town of Leakesville, County of Greene, State of Mississippi, and having a general circulation in Greene County, Mississippi,

Volume\\\	_No <u>&amp;</u>	_Dated_ <i>2</i> 5_	Day of Time	, 2009
Volume	_No	_Dated	_Dayof	, 2009
Volume	_No	_Dated	_Dayof	, 2009
Volume	_No	_Dated	_Day of	,2009
Volume	_No	_Dated	_Day of	, 2009
And I hereby cer hereto attached, thereof to have be	nave been	detore me exh	ger I	e notice olication
Sworn to and sub	scribed hefo	re me, this 🚜	Eday of Lene A.D	., 2009
RY PUBLIC * OH 4152 Commission Expires April 11, 2012	My Comm	ission expires:	Mry Pulli	

# **Annual Drinking Water Quality Report**

Town of McLain PWS ID: 0210003 June 6, 2009

We're very pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. Our water source comes from two wells that pump from Miocene series Aquifer.

Our source water assessment is currently being conducted and is not available at this time. As soon as it is completed, you will be notified and copies of this assessment will be available at our office.

This report shows our water quality and what it means.

If you have any questions about this report or concerning your water utility, please contact Gerald McLendon at 601-753-2205. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Tuesday of each month at 7:00 p.m. at 106 S Church AV.

The Town of McLain routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2008. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

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Inorganie	c Cont	aminant	<b>S</b>		Marin (	tres ships	i logiskalti Historia		io serie.
11. Barlum	, N	2008	0.014		ppm	. ,2 	,2	Discharge of drilling war metal refineries; eroslor	
14. Copper	N N	2008	1.3		ppm,	1.3 (c)	AL=1.3	Corrosion of household erosion of natural depos wood preservatives	
17. Lead	N	2008	0.015	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	ppb	,, ,,,0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	() <b>, AL</b> =15 (	Corrosion of household	The state of the s

19. Nitrate	N .	2008	0.08		ppm 375		as of v	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
20. nitrite	N	2008	0.1		ppm Sundisontro Accessos qu	10.1 1 37 10.4 1 37 2.130		Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
TTHM	and the National	2008	<b>6.9</b> (6.9)	glader (f. 1800). Bellevis gane	PPB	miles in	80 or 100	By-product of drinking water chlorination
HAA5	N	2008	0,005		ppb:/// ////////////////////////////////	ja y <b>0</b> agaga Tangga Kanas		By-product of drinking water chlorination

\*Most recent sample required for 2006

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We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's B-June-11 future.

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				TEST R	ESULTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Radioactive	Contan	ninants						**************************************
5. Alpha emitters	n	2/14/02 *	2.4	0	PCi/1	0	15	Erosion of natural

**Inorganic Contaminants** 

11.Barium	n	2008	.014	ppm	2	2	Discharge of drilling waste; discharge of metal refineries; erosion of natural deposits
14. Copper	n	2008	1.3	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	n	2008	.015	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
19. Nitrate	N	2008	.080	ppm	1	1	Runoff from fertilizer use leading from septic tanks ,sewage erosion of natural deposits
20.nitrite	N	2008	.1	ppm	1	1	Runoff from fertilizer use leading from septic tanks sewage erosion of natural deposits
TTHM	N	2008	6.9	PPB	0	80 OR 100	By product of drinking water chlorination
HAA5	n	2008	.005	ppb	0	60	By product of drinking water chlorination

<sup>\*</sup>Most recent sample required for 2006

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# **2008 CCR Contact Information**

Date: 7/13/09	Time: 12:45
PWSID: 210003	
System Name: Mc Laur	
Lead/Copper Language	MSDH Message re: Radiological Lab
MRDL Violation	Chlorine Residual (MRDL) RAA
Other Violation(s)	
Will correct report & mail copy marked "c	orrected copy" to MSDH.
Will notify customers of availability of corr	rected report on next monthly bill.
CUSTOMERS C	RECTED COPY AND NOTIFY DF AVAILABLE CORRECTED ATER BILL OR LETTER A COPY.
Spoke with Secretary)	don 601964-0150,